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- 1055 -

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32

DNA

Artificial Sequence

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| -210- | 1122 | |
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dye.

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dye.

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caacgettee teeg 14

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DNA

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| <210> | 1708 , | • | | • | • | |
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| | | | | • . | | |
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| <400> catctt | 1708 ccág gagcgt | gcgc c | | | | 2: |
| <210> | 1709 | | | | | |
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cacttgattt tggagggatc tca
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aaaagtggct cctc
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16

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<211> 19

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19

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aaaatcatac gccactc
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<212> DNA

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|-----------------|---------------------------------------|------|
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| <223> | Synthetic | |
| <400> cggagg | 1716 aagc agttggtgtg cctcgttgcc tt | 3: |
| <210> | 1717 | |
| <211> | 29 | |
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| <213> | Artificial Sequence | |
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| <212> | DNA | • |
| <213> | Artificial Sequence | |
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| <210> | 1719 | |
| <211> | 29 | |
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| <213> | | |
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|-----------------|-----------------------------------|----|
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| | | |
| <210> | 1721 | |
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| <213> | Artificial Sequence | |
| | | |
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| <400> cggaag | 1721 aagc agttggtgcg cctcgttaa | 29 |
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| <211> | | |
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| <213> | Artificial Sequence | |
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| | | |
| <210> | 1723 | |

| <212> | DNA | | | | |
|------------------|---------------------|---|---------------------------------------|-----|---|
| <213> | Artificial | Sequence | ÷. | | |
| | | | | | • |
| <220> | | • | | | |
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| <210> | 1724 | | | | 6 |
| <211> | 28 | * | | | |
| <212> | DNA | | | • | |
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| | | | | | |
| <220> | • | | | . : | |
| <223> | Synthetic | V 1 | • | | |
| <400> cggaág | 1724 aagc agttgg | aggc gtgacgga | | | 28 |
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| | · · | | • • • • • • • • • • • • • • • • • • • | , | |
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| | | | | | |
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| <211> | 28 | | • | | |
| <212> | DNA | , | | | |
| <213> | Artificial Sequence | • | | v | |
| | | | | | |
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| <210> | 1728 | • | | | |
| <211> | 28 | • | | | • |
| <212> | DNA | | | | |
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| | • | | | | - |
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| | | | | | |
| <220> | • | | | | |
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<220>

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12

<210> 1731

<211> 13

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13

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      dye.
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caacgcttcc tccg
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       dye.
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caacgcttcc tccguu
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      1734
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      18
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       1734
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caacgcttcc tccguuuu
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       1735
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<222>
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modified base
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<223>
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                                                                        31
cgaaattaat acgccttctt gggcatgtac c
       1737
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       The residue at this position is linked to a C18 linker.
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       (31)...(31)
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                                                                        31
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       Artificial Sequence
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| <222> | (23)(23) | |
| <223> | The modified nucleotide at thi | s position is dideoxy cytosine. |
| + | | |
| <400> ctgaag | 1738 atgt ttcagttctg tgc | , 23 |
| <210> | 1739 | * www. |
| <211> | 22 | |
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| <213> | Artificial Sequence | |
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| <211> | 27 | |
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| <210> | 1741 | |
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| -2125 | Artificial Compande | |

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                                                                      30
tcacttccta ccttcttggg catgtaaaac
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acttcctact taattccatt caaaatc
                                                                      27
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| <400> acttcc | 1745 tact taattccatt | caaaatċc | | • | | | | | 28 |
|-----------------|-------------------------|-------------|--------|---------|--------|--------|---------|------|-----|
| ٠. | | | | | | | | | |
| <210> | 1746 | | | | | | , | | |
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| <22,0> | | * | | | . * | • | • | | |
| <221> | modified_base | | | • ** | | • | | | |
| <222> | (24)(24) | | | | | | | | |
| <223> | The modified n | ucleotide a | at thi | s posit | ion is | dideox | y cytos | ine. | |
| • | • | • | | | | | | | |
| <400> | | | | | | | 1 | | |
| gagttt | ggga ttcttgtaat | tatc | *. | | | r | | | 24 |
| <210> | 1747 | | | | | | | | . ' |
| <211> | 36 | • | | | | | | | |
| <212> . | | | | | | | | • | |
| | Artificial Sequ | uence | | | | | | | |
| | metriciar beg | | | | | | , | | |
| <220> | | | | , | | | | | |
| * | Company of the | | | | , | | | | |
| <223> | Synthetic | | • | | | | | | |
| <400> cgtgtt | 1747 ctgt ggcgtatctt | aattccatt | c aaaa | tc | | | | | 36 |
| <210> | 1748 | • | | | | | | | |
| <211> | •36 | | | | | | • | | |
| <212> | DNA · | | | | | | | | ` |
| <213> | Artificial Sequ | uence | | | | | | | |

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|--------------------|---------------------------------------|---|-----------------|-----|
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| <400> | 1748 ctgt ggcgtatett aattecatte aa | aatc | | 36 |
| | | | | |
| <210> | 1749 | | | |
| <211> | 24 | | | |
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| | | | • | |
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| <221> | modified_base | | | • |
| <222> | (24)(24) | | | |
| <223> | The modified nucleotide at t | his position is | dideoxy cytosir | ne. |
| <400> gagttt | 1749 ggga ttcttgtaat tatc | | | 24 |
| | | | | |
| <210> | 1750 | | | |
| <211> | 41 | | | * |
| <212> | DNA | | | |
| <213> | Artificial Sequence | | | |
| | | | • | |
| <220> | | | | |
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| <400> cgtgtt | 1750 ctgt ggcgtatett aatteeatte aa | aatcatct g | | 41 |
| -010s | 1751 | | | |
| <210> | 1751 | | | |
| <211> | 41 | | | |
| <212> | DNA | • | | |
| <213> | Artificial Sequence | | • | |

| <220> | | |
|--------|---|------|
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| <400> | 1751 ctgt ggcgtatctt aattccattc aaaatcatct g | . 41 |
| | | |
| <210> | 1752 | |
| <211> | 39 | |
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| <213> | Artificial Sequence | • |
| <220> | | |
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| | | |
| <210> | 1753 | |
| <211> | 39 | ¥ |
| <212> | DNA | |
| <213> | Artificial Sequence | |
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| | | |
| <220> | | 2 |
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| 090900 | ooge ggogoacooe aacoooacoo aaaacoaco | |
| | | |
| <210> | 1754 | |
| <211> | 24 | • |
| <212> | DNA | |
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| • | | |
| <220> | | |
| <223> | Synthetic | |
| <220> | | |

<221> modified_base

| <222> | (24)(24) | | | | | | | • . • | | |
|-----------------|----------------------|---------------|-----|------|--------|-------|-----------|---------|----|----|
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| | | | | | | | • | | | |
| <400> gagttt | 1754 ggga ttettgt | caat tatc | | | | | | | | 24 |
| <210> | 1755 | • | | • • | | * | | | | |
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| <213> | Artificial | Sequence | | | | | | e., | *, | |
| | | • | | • | | | | | | |
| <220> | | | | • | | | , , , , , | | | |
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| Synthetic | | | | | | |
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| 1020 | | | • | | | |
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| e de la companya de | | | | | | |
| Artificial Sequence | • | | | | | |
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| Synthetic | | | | | | |
| | | | | | | 21 |
| 1940 | | | | | | |
| 24 | | | | | | |
| DNA | | • | ٠ | | | |
| Artificial Sequence | | | | | | |
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| | | | | | | |
| Synthetic | | | | | | |
| | | | | | | 24 |
| 1941 | | | | | | |
| 26 | | | | | | |
| DNA | | | | | | |
| | DNA Artificial Sequence Synthetic 1938 Face gtgcgc 1939 21 DNA Artificial Sequence Synthetic 1939 Fgcgc acceptccag g 1940 24 DNA Artificial Sequence Synthetic 1940 Ccatg cagcaccacc atga 1941 26 | DNA Artificial Sequence Synthetic 1938 taacg gtgcgc 1939 21 DNA Artificial Sequence Synthetic 1939 tgcgc accgttccag g 1940 24 DNA Artificial Sequence Synthetic 1940 catg cagcaccacc atga 1941 26 | DNA Artificial Sequence Synthetic 1938 Jaacg gtgcgc 1939 21 DNA Artificial Sequence Synthetic 1939 Jegcgc accepttccag g 1940 24 DNA Artificial Sequence Synthetic 1940 24 DNA Artificial Sequence | DNA Artificial Sequence Synthetic 1938 Haacg gtgcgc 1939 21 DNA Artificial Sequence Synthetic 1939 1940 24 DNA Artificial Sequence Synthetic 1940 ceatg cagcaccacc atga 1941 26 | DNA Artificial Sequence Synthetic 1938 Haacg gtgcgc 1939 21 DNA Artificial Sequence Synthetic 1939 Hgcgc accgttccag g 1940 24 DNA Artificial Sequence Synthetic 1940 ceatg cagcaccacc atga 1941 26 | DNA Artificial Sequence Synthetic 1938 taacg gtgcgc 1939 21 DNA Artificial Sequence Synthetic 1939 tgcgc accgttccag g 1940 24 DNA Artificial Sequence Synthetic 1940 teatg cagcaccacc atga 1941 26 |

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dye.

The residue at this position is linked to a spacer bearing a Cy3

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14

14

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<210> 2193 '

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misc feature

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14

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13

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13

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12

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| | | | e de La Proposición de la Companya de la | |
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22

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| | | • |
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| <220> | | |
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| <222> | (23)(23) | |
| <223> | | osition is biotinylated deoxyade |
| | nosine. | |
| · · | | |
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| | | |
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| | | |
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| | | |
| <210> | 2219 | |
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| | | |
| -22Ns | | |

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| (213) | Artificial bequence | • | | | | | | : ' | | ٠ | |
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| | | | | | | | | | | | : |
| <400> | 2223 tacg ccacagete | | | | 1 | | | - | | | |
| , J | | | ÷ | | | | | | | | |
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| | | | | | . • | | | 3 1 3 3 3 | | | |
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| <210> | 2225 | | | | - | | , | | w | • | |
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| | midine. | | | • |
| | midine. | | | |
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- 1429 -

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<210> 2237 -

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acceptatet geceaggaag ga

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| | · • | | | |
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| | | | | |
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| | | - | | | | | f , | |
| • | , | | | | | | | |
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| <400> | | | | | | | · · · · · · · · · · · · · · · · · · · | _ |
| ccgtca | egee tegeett | .ggg gttc | | | | | ₹ | 2 |
| | 2050 | | • | | | | • | |
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| | | | | | | | | |
| | tcat cttctcg | gegg ttga | • | | | | * * | 2 |
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| | | gegg ttga | | | | | ••• | . 2 |
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